



Portable Jib Crane Installation & Operation Manual

GENERAL

This manual is intended to provide information for the safe use of a portable jib crane. Anyone using or maintaining this product should be familiar with the information presented below. The equipment described in this manual is not designed for lifting, supporting or moving people.

ASSEMBLY

Before using this jib for the first time, refer to the attached drawing and assemble according to following directions:

1. Locate the base pad on a horizontal surface of sufficient strength and rigidity to support the weight of the assembled crane. The crane weight is given on the attached specification sheet.
2. Clean any debris from the tapped holes in the top of the base pad. Locate the jib column in an upright position on the base pad with the jib base plate holes aligned with the base pad holes.
3. Insert the eight special anchor bolts through the jib base plate and into the base pad holes. Tighten each anchor bolt to 100 foot-pounds torque.
4. Attach the boom assembly to the upper pipe assembly using the boom mounting hardware provided.
5. Position the main bearing cone on the upper bearing pin. Coat the bearing cone with heavy bearing grease.
6. Lower the upper pipe assembly and attached boom assembly onto the jib column top. The main bearing cone must be seated inside the main bearing cup.
7. After mounting a trolley (not included), attach the trolley end stops with the hardware provided.

SAFETY WARNINGS

INJURY MAY OCCUR TO PERSONS OR PROPERTY IF THE PORTABLE JIB CRANE IS NOT USED PROPERLY. THEREFORE, PLEASE ABIDE BY EACH OF THE FOLLOWING WARNINGS:

- Never use this product to lift people, or things over people.
- Never lift a load heavier than the rated capacity of this jib.

Never use a hoist with a capacity rating different from the rated capacity of this jib.
Never set up or use this jib on an uneven surface.
Never stand beneath a load or boom.
Never use this jib crane near low hanging wires. Protect against any risk of electrocution.
Never attempt to rotate the boom other than manually.
Never use this jib as a forklift attachment.
Never lift a load by lifting the jib.
Never use this jib while transporting it or supporting it with a transport device.
Never use this jib as an electrical ground path.
Never spin or jerk the load with this jib.
Always use this jib for vertical lifting only.
Always use a separate hoisting device to lift the load.
Always remove the load and secure the boom before transporting.
Always check anchor bolts and boom bolts for tightness before use.
Always transport this jib with a device capable of lifting the combined weight of the jib and hoist.
Always use only factory-supplied replacement parts.
Always set this jib on a level surface that can support the weight of the jib plus the hoist plus the load.

LUBRICATION

Main bearing:	Use Dow Corning BR-2 Plus, or an equivalent.
Lower roller assembly:	Do NOT Lubricate. The journal bearing in the lower roller has a Teflon coating, which deteriorates when exposed to oil or grease.

INSPECTION SCHEDULE

Daily:	Check for loose fasteners.
Monthly:	Check lower roller assembly for free rotation of lower rollers on roller shaft.
Yearly:	Check main bearing cone for grease.